

### In the Specification

Please add before the background of the invention:

### RELATED APPLICATIONS

This application is a continuation of United States Patent Application Serial No. 10/004,225 filed 2 November 2001.

[0012] In FIG. 1 an acceleration on a mass located in a positioning containment or a simulator room 70, such as a person setting in acceleration seat 140, is represented by net simulator acceleration vector 180, which varies in magnitude and varies in direction relative to simulator room 70. The variation in magnitude is produced as a consequence of the varying angular rotation w of the rotating base 40. The variation in direction r2 is produced by rotating simulator room support platform 90 relative to rotating base by causing simulator 1<sup>st</sup> angular orientation motor 50. The variation in direction r1 relative to simulator room 70 is produced by causing simulator 2<sup>nd</sup> angular orientation motor 80 to rotate simulator room 70 around room rotating axis arms 100a and 100b.